



November 29, 2006

Kevin J. Martin  
Chairman  
Federal Communications Commission  
445 12th Street, SW  
Washington, D.C. 20554

Re: Reply Comments  
ET Docket No. 06-135 & RM-11271

Dear Chairman Martin:

Stellar Microelectronics, Inc. ("Stellar") and I support the Alfred Mann Foundation's ("AMF") request that the Commission adopt service rules and allocate up to 20 MHz of spectrum to accommodate new wireless wideband microstimulator devices on a secondary basis. Stellar is a medical electronics manufacturing firm which supports production of medical devices developed by AMF and its affiliate companies. We have seen incredible advances in technology resulting in improved quality of life for patient recipients of medical devices developed by AMF. For Stellar, we anticipate substantial job creation from the production of this new family of medical devices. Our employees also enjoy tremendous satisfaction in knowing that the products we produce for AMF are providing incredible improvements in peoples' lives.

The establishment of a service allocation is vital to the development of a new generation of wireless wideband medical devices designed to restore sensation and function to paralyzed limbs and organs. These devices offer a safer, less invasive, and more effective treatment option than is available with existing equipment.

The Commission's rules currently do not provide any spectrum to permit operation of new wireless wideband microstimulator devices. Although the Commission has allocated some spectrum for medical telemetry operations and for medical implant communications services, this spectrum is not suitable for wideband medical implant devices that require larger bandwidths to perform more complex functions. Without adequate spectrum and service rules to support the operation of these innovative devices, millions of Americans

will be deprived of a safe and effective medical treatment for their debilitating health conditions.

We respectfully request full consideration of AMF's request for the establishment of a service allocation specifically for wireless wideband medical devices.

Sincerely,

A handwritten signature in black ink, appearing to read "Gregory L. Horton". The signature is fluid and cursive, with a large initial "G" and "H".

Gregory L. Horton  
President  
Stellar Microelectronics, Inc.